



Figure S3: Different DNA polymerases can be used during PCR. In addition to *Taq* DNA polymerase and KAPA HiFi, Vent (exo-) DNA polymerase (New England Biolabs) and NEBNext (New England Biolabs) can be used during PCR. Each enzyme results in slightly different signal intensities from the incorporated degenerate bases. However, while *Taq* has higher signal than KAPA HiFi, for example, it also has a higher level of background noise due to its higher base mis-incorporation rate.